

STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

**REPORT OF EXAMINATION**

TO APPROPRIATE PUBLIC WATERS OF THE STATE OF WASHINGTON



Surface Water

(Issued in accordance with the provisions of Chapter 117, Laws of Washington for 1917, and amendments thereto, and the rules and regulations of the Department of Ecology.)



Ground Water

(Issued in accordance with the provisions of Chapter 263, Laws of Washington for 1945, and amendments thereto, and the rules and regulations of the Department of Ecology.)

PRIORITY DATE	APPLICATION NUMBER	PERMIT NUMBER	CERTIFICATE NUMBER
October 14, 1991	S2-28300		

NAME  
Dennis Alwine

ADDRESS (STREET)	(CITY)	(STATE)	(ZIP CODE)
Post Office Box 602	Port Angeles	Washington	98362-0602

**PUBLIC WATERS TO BE APPROPRIATED**

SOURCE  
Unnamed Spring

TRIBUTARY OF (IF SURFACE WATERS)

MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE	MAXIMUM ACRE-FEET PER YEAR
0.04		0.68

QUANTITY, TYPE OF USE, PERIOD OF USE  
0.68 acre-feet per year      Multiple domestic supply (in-house use only)      Year-round, as needed

**LOCATION OF DIVERSION/WITHDRAWAL**

APPROXIMATE LOCATION OF DIVERSION-WITHDRAWAL  
975 feet north and 450 feet west of the southeast corner of Section 17.

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION)	SECTION	TOWNSHIP N.	RANGE, (E. OR W.) W.M.	W.R.L.A.	COUNTY
SE¼ SE¼	17	30	8W	18	Clallam

**RECORDED PLATTED PROPERTY**

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)

**LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED**

Lot 2 of Bearfield Survey of a portion of the south half of Section 17, T. 30 N., R. 8 W.W.M., Clallam County, Washington, as recorded on October 3, 1990, in Volume 19 of Surveys, page 21 under Auditors file No. 641308.

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**DESCRIPTION OF PROPOSED WORKS**

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A 2 horsepower submersible pump, from spring to 5,000 gallon reservoir. 500 feet of 1¼" residential service line gravity flow from reservoir to two homes.

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**DEVELOPMENT SCHEDULE**

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BEGIN PROJECT BY THIS DATE:

August 1, 1993

COMPLETE PROJECT BY THIS DATE:

August 1, 1994

WATER PUT TO FULL USE BY THIS DATE:

August 1, 1995

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**REPORT**

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Under the provisions of Chapter 90.03 Revised Code of Washington (RCW), Dennis Alwine of Port Angeles, Washington filed an application to divert public surface water from an unnamed spring. The amount requested is 0.06 cubic feet per second for the purpose of multiple domestic supply of two homes and irrigation. The application was accepted for processing, assigned Application No. S2-28300 and given a priority date of October 14, 1991.

A legal notice of the applicant's proposed diversion was duly published in the Peninsula Daily News of Port Angeles, Washington on November 21 and 28, 1991. No protests were received as a result of the public notice.

I recommend issuance of a permit based on the following report.

**INVESTIGATION:**

In consideration of this application request, Marie Peter and I conducted a field site investigation on February 5, 1993. Mr. Alwine was not present but was contacted by telephone for additional information.

Other investigations included a review of Department of Ecology surface water records and comments submitted by the Departments of Fisheries and Wildlife.

**Location and Site Description**

This project site is located approximately 12 miles west of Port Angeles and ½ mile north of the east end of Lake Sutherland in Clallam County. Surrounding land use is comprised of timbered State Forest, Federal Park Boundary, and recreational. Lake Sutherlands shores are moderately developed with single family homes and recreational cabins. The unnamed spring for this project is within the Indian Creek / Lake Sutherland drainage.

Areas within this five acre site have been cleared, but the two lots are undeveloped. The spring emerges about 50 to 75 feet above a newly cut dirt access road. No construction has been started to collect the spring water.

**Proposed System Description**

The applicant proposes to install a 2 horse power submersible pump to pump water from the spring area to a 5,000 gallon concrete reservoir approximately 800 feet above the spring. Water will then be conveyed via gravity feed through 500 feet of 1¼ inch residential service line to the two proposed homes. The applicant hopes to start constructing the delivery system by August 1, 1993.

**Existing Rights**

The following records are on file with the Department of Ecology for Lake Sutherland and downstream on Indian Creek:

- Ten surface water certificates authorizing total diversion of 0.16 cfs, 4.75 acre-feet per year directly from Lake Sutherland.
- Surface Water Certificate No. S2-27684 utilizing 0.01 cfs for single domestic supply appears to be in very close proximity to the proposed diversion under this application S2-28300.

## Report Continued

- Five surface water certificates authorizing total diversion of 0.14 cfs, 9.0 acre-feet per year directly from Indian Creek.
- Eleven surface water right claims for Lake Sutherland and Indian Creek.

### Effect on Instream Flows

This application was sent to the Department of Fisheries and Wildlife for review and recommendations. Department of Wildlife recommended that this application be held until minimum flows for this surface water system could be established.

Although required stream flows have not been determined, the Department of Fisheries has recommended denial of new water rights requests for this drainage, based on insufficient streamflow on the mainstem Elwha River. Decreased streamflows and high stream temperatures have been correlated with increased mortalities of anadromous fish on the Elwha in recent years. Fisheries is also concerned that further depletion of streamflows from the Elwha River surface water system may impair future efforts to restore salmon runs should the Lower Elwha Dam be removed.

In order to minimize cumulative impacts of numerous small diversions and preserve instream flows, I recommend that this request be reduced to 0.04 cfs, and to utilize water for in-house use only. This diversion rate should be adequate for domestic purposes. No irrigation use will be authorized.

I recommend issuance of a permit based on the following reasons:

- No alternative water supply.
- Diversion rate of 0.04 cfs, 0.68 acre-feet per year, multiple domestic supply for two homes should not have a measurable impact on instream flows of the Elwha River system.
- Although the cumulative effect of all diversions from tributaries of the mainstem Elwha may be significant, a comparable impact would result from single domestic groundwater use (currently exempt from the permitting process), if the applicants are forced to seek an alternative water supply. Denial of domestic surface water rights from this surface water system will not result in lesser impacts to the tributaries and mainstem Elwha River flows.

### Water Requirements

The water requirements for in-house domestic supply should not exceed an average of 300 gallons per day per home. This amounts to 0.68 acre-feet per year for two homes.

### CONCLUSIONS

In accordance with Chapter 90.03 RCW, I find there is water available for appropriation from the source in question, that the appropriation as recommended is a beneficial use, and should not impair existing rights or be detrimental to public welfare.

### RECOMMENDATIONS:

I recommend approval of this application and issuance of a permit to allow appropriation of 0.04 cfs, 0.68 acre-feet per year, from an unnamed spring for multiple domestic supply of two homes. The period of use shall be year round as needed.

This permit is subject to existing rights and the following provisions:

### PROVISIONS:

"Use of water authorized under this permit and subsequent certificate shall be limited to in-house use only."

The water appropriated under this application will be used for public water supply. The State Board of Health rules require public water supply owners to obtain written approval from the Office of Water Supply, Department of Health, Mail Stop LD-11, Building 3, Olympia, Washington 98504, prior to any new construction or alterations of a public water supply system.

## Report Continued

The permit is issued subject to Washington Departments of Fisheries and Wildlife screening criteria as outlined in a hydraulic project approval. Please contact the Department of Fisheries, 115 General Administration Building, Olympia, Washington, 98504, Attention: Habitat Management Division, (206) 753-6640; or the Department of Wildlife, 600 North Capitol, Olympia, Washington, 98504, Attention: Habitat Management Division, (206)753-3318, to obtain specified requirements for your project.

The Water Resources Act of 1971 specifies certain criteria regarding utilization and management of the waters of the State in the best public interest. Favorable consideration of this application has been based on sufficient waters available, at least during portions of the year. However, it is pointed out to the applicant that this use of water may be subject to regulation at certain times, based on the necessity to maintain water quantities sufficient for preservation of the natural environment.

The applicant is advised that notice of proof of appropriation of water (under which the final certificate of water right is issued) should not be filed until the permanent diversion facilities have been installed, and the system is currently in use. This includes installation of a mainline system capable of delivering the recommended quantity of water to an existing or proposed distribution system within the area to be served, and fulfillment of all other terms of this permit.

At such time that the Department of Ecology determines the regulation and management of the subject waters is necessary and in the public interest, an approved measuring device shall be installed and maintained in accordance with RCW 90.03.360 and WAC 508-64-020 through -040.

REPORTED BY: Vicki Wandust Date: April 9, 1993

The statutory permit fee for this application is \$20.00.